



**Electronic Chemicals, Inc.**

## Product Information: Aluminum Etch 16:1:1:2

### Standard Package Information

Container Type:	Drum
Fill Weight kg	320 kg

Contaminants	specifications		
Assay	HNO <sub>3</sub>	2.7 - 3.7	%
Assay	H <sub>3</sub> PO <sub>4</sub>	71.9 - 73.9	%
Assay	CH <sub>3</sub> COOH	2.8 - 3.8	%
Water	H <sub>2</sub> O	18.6 - 22.6	%
Total Acidity		15.5 - 16.5	MEQG
Chloride	Cl	< 800	ppb
Sulfate	SO <sub>4</sub>	< 8000	ppb
Fluoride (F-)		< 5000	ppb
Heavy Metals		< 5000	ppb
Aluminum	Al	< 400	ppb
Antimony	Sb	< 6000	ppb
Arsenic	As	< 100	ppb
Calcium	Ca	< 700	ppb
Cobalt	Co	< 100	ppb
Copper	Cu	< 100	ppb
Iron	Fe	< 1200	ppb
Lead	Pb	< 100	ppb
Lithium	Li	< 100	ppb
Magnesium	Mg	< 100	ppb
Manganese	Mn	< 100	ppb
Nickel	Ni	< 250	ppb
Potassium	K	< 200	ppb
Sodium	Na	< 700	ppb
Strontium	Sr	< 200	ppb
0.5 Micron Particle Count		< 200	Par/ml
1.0 Micron Particle Count		< 25	Par/ml

A  
L  
U  
M  
I  
N  
U  
M  
E  
T  
C  
H